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# monthly bibliography of medical reviews

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**Index Medicus:** Published monthly as a bibliographic listing of references to current articles from approximately 2,250 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* is included as Part 2 of the January issue. Annual subscription: \$173.05 (\$216.35 foreign); single issues \$13.75.

HE 20.3612:

**Cumulated Index Medicus, 1973, Volume 14:** A cumulation in eight volumes of the approximately 221,000 citations appearing in *Index Medicus* in 1973. Included are author and subject sections, Medical Subject Headings, List of Journals Indexed, and Bibliography of Medical Reviews. Price: \$181.30 (\$226.65 foreign).

HE 20.3612/3:14

**Abridged Index Medicus:** A monthly bibliography, based on articles from 100 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Annual subscription: \$31.35 (\$39.20 foreign); single issues \$2.65.

HE 20.3612/2:

**Cumulated Abridged Index Medicus, 1973, Volume 4:** A cumulation in one volume of the citations appearing in the monthly *Abridged Index Medicus* in 1973. Contains subject and author sections. Price: \$19.80 (\$24.75 foreign). [1970 and 1971: \$22.75 (\$28.45 foreign); 1972—\$21.60 (\$26.40 foreign).]

HE 20.3612/2:2:

**Medical Subject Headings:** Published as Part 2 of the January *Index Medicus*. The approximately 8,500 subject headings in the 1974 *MeSH* are arranged alphabetically, with cross references, and in categorized lists. (Included with subscription to *Index Medicus*, also available separately for \$7.95 (\$9.95 foreign).)

HE 20.3612:15/1 pt 2

**List of Journals Indexed in Index Medicus, 1974.** Contains four listings of journals indexed: title, abbreviation, subject, and geographical. Price: \$2.00 (\$2.50 foreign).

HE 20.3612/4:974

**Monthly Bibliography of Medical Reviews:** A series designed to provide quick guidance to the latest reviews in the journal literature of biomedicine. Each issue duplicates the material appearing in the Bibliography of Medical Reviews section of the corresponding monthly issue of *Index Medicus*. Annual subscription: \$12.75 (\$15.95 foreign); single issues \$1.10.

HE 20.3610:

**Bibliography of Medical Reviews, 1966-70:** A cumulation of citations to reviews for the period 1966-70; subject index only. Price: \$14.65 (\$18.35 foreign).

HE 20.3610/2:966-70

**NLM Current Catalog:** A bibliographic listing of citations to publications cataloged by the Library. Issued in two forms: (a) quarterly (noncumulating, subject and name sections), (b) annual cumulation (subject and name sections). Prices: (a) 4 three-month cumulations (quarterlies)—\$23.50 (\$29.50 foreign), single issues \$6.00; (b) annual cumulation (1973) \$14.35 (\$17.95 foreign); (1972) \$18.75 (\$21.90 foreign); (1971) \$30.55 (\$38.20 foreign).

HE 20.3609:

**Index to the Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health:** designed to assist users in rapidly finding information in the *Report of the Secretary's Commission on Pesticides and Their Relationship to Environmental Health* (known as the "Mrak Report," 1969, GPO, price: \$3.00). Contains Chemical Substance Index, Subject Index, and Bibliography. 1972. Price: \$2.90 (\$3.65 foreign).

HE 20.3602:P43

**Index of National Library of Medicine Serial Titles:** Provides a key-word-out-of-context (KWOC) index to approximately 19,000 serial titles received by NLM. 1973. Price (reprint edition) \$14.00 (\$17.50 foreign).

HE 20.3618:972

**Drug Interactions—An Annotated Bibliography with Selected Excerpts 1967-1970:** designed to provide health professionals with quick access to reports from the world's scientific literature on drug-drug and drug-chemical interactions. Casebound. 1824 pages. 1972. Price: \$27.05 (\$33.80 foreign).

HE 20.3614:D84/967-70/v. 1

**Selected References on Environmental Quality as It Relates to Health:** A monthly bibliography which provides a subject/author index to journal articles covering aspects of environmental pollution that concerns health. Annual subscription: \$13.45 (\$16.85 foreign); single issues \$1.15.

HE 20.3616

**Current Bibliography of Epidemiology:** A monthly bibliography of articles concerning the etiology, epidemiology, prevention, and control of disease. Annual subscription: \$35.60 (\$44.50 foreign); single issues \$3.00.

HE 20.3617:

**Current Bibliography of Epidemiology 1973, Volume 5:** A cumulation of the 12 monthly issues of *Cube* for 1973. Casebound. Price: \$20.80 (\$26.00 foreign); 1972—\$25.00 (\$31.25 foreign).

HE 20.3617/2:5

**Bibliography of the History of Medicine, No. 5 1964-1969:** Cumulative volume, including Nos. 1-4 plus approximately 3,800 new citations. Casebound. 1972. Price: \$18.65 (\$23.35 foreign).

HE 20.3615:5

**Bibliography of the History of Medicine, No. 6 1970:** The sixth in a series of bibliographies of the history of medicine and related sciences, professions, and institutions. Price: \$4.30 (\$5.40 foreign).

HE 20.3615:6

**Bibliography of the History of Medicine, No. 7 1971:** The seventh in a series of bibliographies of the history of medicine and related sciences, professions, and institutions. Price: \$3.30 (\$4.15 foreign).

HE 20.3615:7

**International Bibliography of the History of Legal Medicine (1974):** An annotated list of citations to published material on the history of legal medicine in the holdings of the National Library of Medicine and other sources. Price: \$5.50 (\$6.90 foreign).

S/N 1752-00148

**A Catalogue of Sixteenth Century Printed Books in the National Library of Medicine:** Over 4,800 rare sixteenth century printed volumes from NLM's History of Medicine Division collection are listed. Some 1,500 printers and publishers and 188 different printing centers in 14 European countries are indexed in detail. Casebound. 1967. 698 pages. Price: \$12.45 (\$15.60 foreign).

HE 20.3614:Si9

**National Medical Audiovisual Center Catalog, 1974:** A list of motion pictures available on loan from NMAC in Atlanta. Price: \$3.05 (\$3.80 foreign).

HE 20.3608/4:974

**MEDLARS: 1963-1967:** Description of NLM's computer-based Medical Literature Analysis and Retrieval System (MEDLARS), emphasizing technical aspects of MEDLARS development. 76 pages with illustrations. PHS Pub. No. 1823. 1968. Price: \$0.75 (\$0.95 foreign).

FS 2.202:M46/3

**Toxicity Bibliography:** A quarterly publication covering the adverse and toxic effects of drugs and chemicals reported in the approximately 2,200 journals indexed for *Index Medicus*. Annual subscription: \$32.50 (\$40.65 foreign); single issues \$8.15.

HE 20.3513:

**A Profile of the U.S. Public Health Service, 1798-1948.** A casebound, illustrated history of the U.S.P.H.S., written by Bess Furman Armstrong. 1973. Price: \$7.80 (\$9.75 foreign).

HE 20.3602:P96/798-948

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Public Health Service

National Institutes of Health

DHEW Publication No. (NIH) 74-253

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Volume 7 number 75  
December 1974

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## INTRODUCTION

In 1948 at a Royal Society Scientific Information Conference, J. D. Bernal reported on a preliminary analysis of a study on the use of scientific literature. The object of the questionnaire was to find out directly from working scientists what they had read, why they had read it, and what use they had made of the information. In his report, Bernal stated that an overwhelming proportion of scientists read and appreciated reviews and that reviews formed a very important and increasing part of general background reading.

The reading habits of medical investigators, clinicians, and educators, and of workers in fields allied to medicine amply confirm today the observations of Bernal twenty-five years ago. Indeed, as biomedical literature expands, the need for reviews appears more obvious.

Through the *Monthly Bibliography of Medical Reviews*, the Library hopes to provide health professionals with an easily accessible desk reference tool for guidance to the latest reviews in the journal literature of biomedicine.

Medical reviews are defined by the Library as articles which are well-documented surveys of the recent biomedical journal literature. In most cases the articles include a list of references either in the body of the paper or as a bibliography. Articles which include case reports are considered reviews only when the case reports serves to document the subject of the review.

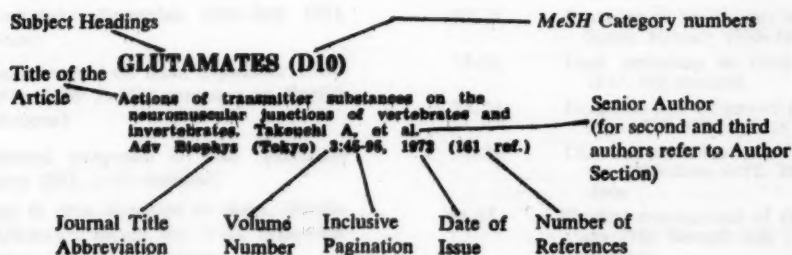
Articles with the following characteristics are not considered as reviews in this bibliography: case reports or original research articles containing a review of the literature as an adjunct; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.

## SUBJECT HEADINGS

Users of *Monthly Bibliography of Medical Reviews* will find an acquaintance with *Medical Subject Headings (MeSH)* useful in determining which subject headings are most appropriate for their needs. *MeSH*, the National Library of Medicine's authority list, is the technical language which provides controlled subject access to the biomedical literature indexed for MEDLARS. *MeSH* is published as Part 2 of the January *Index Medicus* (see list of publications, inside front cover).

Although the most specific terms available in *MeSH* are used in indexing articles for *Index Medicus*, broader headings are used for reviews to enable grouping of similar material.

## SAMPLE CITATION



Chief, Bibliographic Services  
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# NATIONAL LIBRARY OF MEDICINE LITERATURE SEARCHES

These bibliographies are reprints of literature searches requested by individual physicians, scientists, and other health professionals, and are considered to be of wide interest. Single copies may be ordered by number and title from NLM at no charge.

L.S. No.	Title	L.S. No.	Title
71-1	Fetal monitoring during labor. January 1966—March 1971. (137 citations)	72-2	Programmed instruction in medicine and allied health professions. January 1969—February 1972. (129 citations) This bibliography is an up-dating of Literature Search no. 70-9.
71-2	Genetic counseling. January 1968—March 1971. (92 citations)	72-3	Medical care in developing countries. (Supplement to LS 70-11) January 1970—April 1972. (400 citations)
71-3	Transplantation in the therapy of hearing disorders. January 1968—March 1971. (258 citations)	72-4	Hexachlorophene. January 1969—March 1972. (130 citations)
71-4	Attitudes toward death. January 1968—March 1971. (295 citations)	72-5	Medicine and health in China. January 1969—March 1972. (173 citations)
71-5	Behavioral responses to animal interactions. January 1968—March 1971. (180 citations)	72-6	Drug therapy for hyperkinetic children. January 1969—March 1972. (64 citations)
71-6	Health aspects of occupational exposure to X-rays. January 1968—March 1971. (57 English language citations)	72-7	Sickle cell anemia—diagnosis, pathology, complications and therapy. January 1969—April 1972. (339 citations)
71-7	Rabies in wildlife. January 1968—March 1971. (99 citations)	72-8	Vitamin C and the common cold. January 1969—April 1972 (25 citations)
71-8	Emergency psychiatry. January 1968—March 1971. (176 citations) (Supplement to LS 4-68)	72-9	Electrical safety and hazards in the hospital. January 1969—March 1972. (102 citations)
71-9	DNA polymerase. January 1968—March 1971. (276 citations)	72-10	Audio-visual aids in the teaching of medicine. January 1969 through April 1972. (74 citations)
71-10	Oral manifestations of adverse drug reactions. January 1968—March 1971. (176 citations)	72-11	Audio-visual aids in the teaching of nursing. January 1969 through April 1972. (46 citations)
71-11	Psychosocial response to factors in the urban environment. Mental health services in cities. January 1968—March 1971. (233 citations)	72-12	Audio-visual aids in the teaching of dentistry. January 1969 through April 1972. (52 citations)
71-12	Health hazards and hygiene in exposure to atomic radiation. January 1968—March 1971. (230 citations)	72-13	Audio-visual aids in the teaching of allied health occupations. January 1969 through April 1972. (39 citations)
71-13	Maturity onset diabetes. January 1968—February 1971. (130 citations)	72-14	Sickle cell anemia — epidemiologic, genetic, social, legal and ethical aspects. January 1969—May 1972. (116 citations)
71-14	Sudden unexpected death in infants. January 1968—March 1971. (101 citations)	72-15	Malnutrition and mental development in man. January 1969—June 1972. (56 citations)
71-15	Physicians' assistants. January 1968—December 1970. (73 citations)	72-16	Toxicity of intentional food additives. January 1969—June 1972. (264 citations)
71-16	Automated multiphasic screening. January 1969—June 1971. (75 citations)	72-17	Vasectomy—psychosocial aspects. January 1969—June 1972. (52 citations)
71-17	Drugs in control of narcotic addiction. January 1969—June 1971. (86 citations)	72-18	Medicine in Vietnam. January 1969—June 1972. (337 citations)
71-18	Government role in financing the delivery of health care in the United States. January 1969—June 1971. (289 English language citations)	72-19	Geriatric dentistry. (Supplement to LS 70-47) December 1970—June 1972. 90 citations.
71-19	Government role in financing the delivery of dental care in the United States. January 1969—June 1971. (76 English language citations)	72-20	Forensic dentistry. January 1969—June 1972. 163 citations.
71-20	Cannabis toxicology. September 1968—July 1971. (355 citations)	72-21	Provision of health care to the poor in the United States. January 1969—June 1972. 162 citations.
71-21	Effects of hallucinogens on man. September 1968—August 1971. (609 English language or English abstract citations)	72-22	Lead poisoning in children. January 1969—June 1972. 100 citations.
71-22	Drug withdrawal symptoms in man. September 1968—August 1971. (246 citations)	72-23	Diagnosis and therapy of gonorrhea. January 1969—June 1972. 189 citations in English.
71-23	Psychotherapy in drug addiction or abuse. Supplement to Literature Search No. 2-69. September 1968—October 1971. (157 citations)	72-24	Care and maintenance of laboratory animals. January 1969—June 1972. 299 English language citations.
71-24	Venezuelan equine encephalitis virus. January 1969—October 1971. (85 citations)	72-25	Physical management of rheumatoid arthritis. January 1969 through July 1972. 54 English language citations.
71-25	Quality control, reliability and standards in clinical laboratories. January 1969—October 1971. (273 English language citations)	72-26	Mobile coronary care units. January 1969 through August 1972. 51 citations.
72-1	Acupuncture. January 1969—February 1972. (69 citations)	72-27	Helicopter ambulance service. January 1969 through August 1972. 19 citations.
		72-28	Ambulance service. January 1969 through August 1972. 29 citations.
		72-29	Tay-Sachs disease. January 1969 through August 1972. 98 citations.

L.S. No.	Title	L.S. No.	Title
72-30	Research and training support in medicine. January 1969 through August 1972. 225 citations in English.	73-23	Nomenclatures, subject headings, and classifications. January 1970 through July 1973. 511 citations.
72-31	Plastics and phthalate esters. January 1969 through September 1972. 135 citations.	73-24	Rape. January 1970 through June 1973. 64 citations.
72-32	Health services for adolescents. January 1969 through January 1973. 274 citations in English.	73-25	Adverse effects or toxicity of implant materials. January 1970 through June 1973. 215 citations.
72-33	Effects of noise on man (and animals). Supplement to Literature Search 12-68. January 1969 through September 1972. 214 citations in English.	73-26	The hospital emergency room. January 1970 through June 1973. 194 citations.
72-34	Sport medicine (Updates L.S. No. 70-41). August 1970 through October 1972. 312 citations in English.	73-27	Laparoscopic sterilization. January 1970 through July 1973. 80 citations.
72-35	Adverse effects of LSD (Updates Literature Search 24-68). January 1969 through October 1972. 154 citations in English.	73-28	Child abuse. January 1970 through July 1973. 303 citations.
72-36	Family planning programs. January 1970 through November 1972. 487 citations.	73-29	Chemistry of common poisonous plants. January 1970 through July 1973. 156 citations.
72-37	Allergy to arthropod stings. January 1969 through November 1972. 73 citations.	73-30	Chagas' disease. January 1970 through July 1973. 404 citations.
73-1	Prostaglandins in abortion and reproductive physiology. January 1969 through December 1972. 226 citations.	73-31	Asbestos toxicity. January 1970 through July 1973. 363 citations.
73-2	Day care for the elderly. January 1969 through December 1972. 49 citations.	73-32	Hypertension: diagnosis, occurrence and prevention (with emphasis on studies in the U.S.). January 1970 through July 1973. 216 citations in English.
73-3	Air pollution effects. With emphasis on hypersensitivity. January 1970 through February 1973. 546 citations in English.	73-33	Doping and sports. January 1970 through August 1973. 46 citations.
73-4	Human experimentation. January 1969 through January 1973. 220 citations.	73-34	Herpesviruses and the etiology of mammalian tumors. January 1970 through August 1973. 182 citations.
73-5	Health maintenance organizations. January 1969 through January 1973. 229 citations in English.	73-35	Mental retardation: facilities, rehabilitation, services (with emphasis on the U.S.). January 1970 through August 1973. 253 citations in English.
73-6	Transplantation—Ethical, legal, and religious aspects. January 1969 through January 1973. 201 citations in English.	73-36	Therapy of Enuresis with imipramine. January 1970 through September 1973. 57 citations.
73-7	Health indices in the United States. January 1969 through January 1973. 222 citations in English.	74-1	Nutrition in burns. January 1970 through January 1974. 47 citations.
73-8	Drugs in control of narcotic addiction Supplement to LS 71-17. July 1971 through February 1973. 245 citations.	74-2	Rehabilitation in spinal cord injuries. January 1970 through January 1974. 173 citations.
73-9	Acupuncture. Supplement to LS 72-1. March 1972 through March 1973. 90 citations.	74-3	Genetic counseling (updates L.S. 71-2). April 1971 through January 1974. 363 citations.
73-10	Hospital architecture. January 1970 through February 1973. 330 citations in English.	74-4	Genetic intervention (with emphasis on ethical, legal and religious aspects of genetic control). January 1970 through January 1974. 123 citations.
73-11	Drug therapy of alcoholism. Supplement to LS 70-1. January 1970 through March 1973. 257 citations.	74-5	Acupuncture (Updates L.S. 73-9). April 1973 through April 1974. 181 citations.
73-12	Psychotherapy in alcoholism. January 1970 through February 1973. 108 citations in English.	74-6	Audiovisual aids, and computer assisted and programmed instruction in medical education. (Updates L.S. 72-10). May 1972 through April 1974. 203 citations in English.
73-13	Psychological aspects of cancer. January 1970 through March 1973. 126 citations in English.	74-7	Audiovisual aids, and computer assisted and programmed instruction in nursing education (Updates but also includes citations from L.S. 72-11) January 1970 through April 1974. 116 citations in English.
73-14	Neoplasm models. January 1970 through March 1973. 589 citations in English.	74-8	Audiovisual aids, and computer assisted and programmed instruction in allied health occupation education. (Updates L.S. 72-13). May 1972 through April 1974. 57 citations in English.
73-15	Psychopharmacology in geriatrics. Updates Literature Search 70-15. April 1970 through May 1973. 258 citations.	74-9	Audiovisual aids, and computer assisted and programmed instruction in dental education. (Updates L.S. 72-12). May 1972 through April 1974. 45 citations in English.
73-16	Control of obesity by diet. Updates LS 70-16. April 1970 through May 1973. 159 citations.	74-10	Nutrition in trauma. January 1970 through April 1974. 229 citations.
73-17	Sudden unexpected death in infants. Updates LS 71-14. April 1971 through June 1973. 108 citations.	74-11	Intestinal bypass for morbid obesity. January 1970 through April 1974. 96 citations.
73-18	Psychosurgery. January 1970 through May 1973. 99 citations.	74-12	Breast neoplasms in the male. January 1970 through May 1974. 124 citations.
73-19	Health aspects of prison populations. January 1970 through May 1973. 302 citations.		
73-20	Cholelithiasis: etiology and drug therapy. January 1970 through July 1973. 147 citations.		
73-21	The microwave oven. January 1970 through July 1973. 37 citations.		
73-22	Adverse effects of intrauterine devices. January 1970 through July 1973. 372 citations.		

<u>L.S. No.</u>	<u>Title</u>	<u>L.S. No.</u>	<u>Title</u>
74-19	Hyperactivity due to minimal brain dysfunction. (Includes all aspects except therapy. The latter is found in L.S. 74-18 Therapy of hyperactivity due to minimal brain dysfunction) January 1972 through June 1974. 256 citations.		
74-20	Adverse effects of oral contraceptives. (Updates L.S. 70-2) January 1970 through June 1974. 943 citations.		
74-21	The B vitamins in pregnancy and oral contraception. January 1973 through June 1974. 171 citations.		
74-22	Nutrition for the aged. (Includes nutritional deficiency states) January 1972 through June 1974. 211 citations in English.		

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# bibliography of medical reviews

## Subject Section

*Medical Reviews are defined by NLM, for inclusion in the Bibliography of Medical Reviews, as articles which are well documented surveys of the recent biomedical literature.*

*Not included are: reviews of the literature which document case reports or original research; statistical and epidemiological surveys; historical reviews; bibliographies which comprise only a listing of references; monthly summaries of subject areas which appear as a regular feature in journals; theses; and lengthy articles covering many aspects of a specific subject which are more appropriately considered as refresher courses rather than reviews.*

*Although the most specific terms available in MeSH are used in indexing articles for Index Medicus, broader headings are applied for reviews to enable grouping of similar material.*

### ABDOMEN (A1)

Effects of anesthetics on cerebral, renal, and splanchnic circulations: recent developments. Larson CP Jr, et al. *Anesthesiology* 41:169-81, Aug 74 (79 ref.)  
The homogeneous density of gas in the diagnosis of intra-abdominal abscess. Masters SJ, et al. *Surg Gynecol Obstet* 139:370-4, Sep 74 (35 ref.)

### ABNORMALITIES (C16)

Viral teratology. Fucillo DA, et al. *Bacteriol Rev* 37:19-31, Mar 73 (111 ref.)

### ABNORMALITIES, MULTIPLE (C16)

Aortic valve and arch anomalies in the congenital asplenia syndrome. Case report, literature review and re-examination of the embryology of the congenital asplenia syndrome. Freedom RM. *Johns Hopkins Med J* 135:124-35, Aug 74 (38 ref.)

### ABOMASUM (A13)

Displaced abomasum in dairy cattle: etiological factors. Coppock CE. *J Dairy Sci* 57:926-33, Aug 74 (48 ref.)

### ABORTION, THREATENED (C6)

[Threatened abortion and its treatment] Soiva K. *Duodecim* 90:267-75, 1974 (30 ref.) (Fin)

### ABSCCESS (C1, C17)

The homogeneous density of gas in the diagnosis of intra-abdominal abscess. Masters SJ, et al. *Surg Gynecol Obstet* 139:370-4, Sep 74 (35 ref.)

### ACCIDENTS, INDUSTRIAL (G3, J)

[Value of stimulation and detection electrodiagnosis in traumatology and occupational diseases] Clausen I, et al. *Electrodiagn Ther* 9:59-103, 1973 (Fre)

### ACETAMIDES (D2)

Metabolic activation of N-hydroxy compounds by conjugation. Irving CC. *Toxicologia* 1:387-96, Jul-Oct 71 (40 ref.)

### ACHLORHYDRIA (C4, C13)

[WDA (watery diarrhea, hypokalemia, a chlorhydria) syndrome] Saito R, et al. *Jap J Clin Med* 32:711-8, 10 Apr 74 (38 ref.) (Jap)

### ACID-BASE EQUILIBRIUM (G1, H)

An approach to clinical disorders of acid-base balance. Brackett NC Jr. *South Med J* 67:1084-101, Sep 74 (29 ref.)  
[Disturbance of acid-base balance in renal

insufficiency] Kato E, et al. *Jap J Clin Med* 32:471-8, Mar 74 (55 ref.) (Jap)

### ACIDOSIS (C13)

Bovine ketosis: a review with recommendations for control and treatment. Baird GD, et al. *Br Vet J* 130:214-20, May-Jun 74 (30 ref.)  
An approach to clinical disorders of acid-base balance. Brackett NC Jr. *South Med J* 67:1084-101, Sep 74 (29 ref.)

### ACYLTRANSFERASES (D9)

Lecithin: cholesterol acyltransferase recent research on biochemistry and physiology of the enzyme. Norum KR, et al. *Scand J Clin Lab Invest* 33:191-7, May 74 (44 ref.)

### ADDISON'S DISEASE (C7)

Chairman's introduction. Stokes JF. *Proc R Soc Med* 67:548-56, Jun 74 (98 ref.)

### ADENOCARCINOMA (C2)

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